

ABSTRACT

This invention provides a drug nanoparticle 7 obtained by irradiating laser beam 3 to a solid target 2 composed of drug powder so as to release the drug as downsized component particle from the solid target 2, wherein the drug nanoparticles 7 has an average diameter of 100 nm or less. According to the above structure, there can be provided: a drug nanoparticle having a high bioavailability, a high purity and an excellent handling property in a case where the drug nanoparticle is used as medical agent, agricultural chemical (agrichemical), chemical fertilizer or the like. The method of manufacturing the drug and the medical agent manufacturing apparatus are capable of effectively manufacturing the drug nanoparticles through simple manufacturing steps.